

Title (en)
HYDRAULIC CLUTCH ACTUATOR

Title (de)
HYDRAULISCHE KUPPLUNGSBETÄTIGUNGSEINHEIT

Title (fr)
UNITE DE COMMANDE HYDRAULIQUE D'EMBRAYAGE

Publication
EP 1159545 A1 20011205 (DE)

Application
EP 00916898 A 20000303

Priority
• DE 19910631 A 19990310
• EP 0001844 W 20000303

Abstract (en)
[origin: WO0053948A1] The invention relates to a clutch with a pressure plate (1) which in an engaged position pushes a driving disk (2) against a counter surface (3). For releasing the clutch, said pressure plate displaces a clutch controller (7) into a disengaged position in which the pressure plate (1) does not push the driving disk (2) against the counter surface (3). Said clutch controller (7) is hydraulically actuated and comprises a first hydraulic element (15) and a second hydraulic element (16) which is movable in relation to the first hydraulic element. The first and the second hydraulic element (15, 16) border on a common hydraulic chamber (17) and are functionally linked via the hydraulic fluid taken up in the hydraulic chamber (17). Said first hydraulic element (15) comprises at least two first guide surfaces (18, 18') which interact with second guide surfaces (19, 19') of the second hydraulic element (16). The at least two first guide surfaces (18, 18') are arranged in a radial direction outside with respect to the second guide surfaces (19, 19').

IPC 1-7
F16D 25/08

IPC 8 full level
F16D 25/08 (2006.01)

CPC (source: EP)
F16D 25/085 (2013.01)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0053948 A1 20000914; AT E242849 T1 20030615; AU 3808600 A 20000928; DE 19910631 A1 20001012; DE 19910631 C2 20010517; DE 50002533 D1 20030717; EP 1159545 A1 20011205; EP 1159545 B1 20030611

DOCDB simple family (application)
EP 0001844 W 20000303; AT 00916898 T 20000303; AU 3808600 A 20000303; DE 19910631 A 19990310; DE 50002533 T 20000303; EP 00916898 A 20000303